

# 3M™ Scotch-Weld™ Structural Woodworking Adhesives



## High Speed High Strength

Powerful, convenient tools  
for production, repairs, and installation

For woodworking, furniture, and cabinetry, 3M™ Scotch-Weld™ Structural Woodworking Adhesives can help increase production efficiency and improve product reliability and appearance.

- Bond wood to itself and other materials with load-bearing strength
- Reduce or eliminate clamping and drying time
- Replace nails or screws and save refinishing time and work
- Fill gaps
- Translucent when cured and can be readily sanded, painted, or stained

### 3M™ Scotch-Weld™ Epoxy Adhesives

- Bond wood, solid surfaces, and other substrates with a fast set time of 3-4 minutes or 40-45 minutes depending on production requirements
- Choice of self-leveling or non-sag formulations
- Versatility for permanently bonding decorative trim, filling knot holes, installing spindles, and more
- With a 3M™ EPX Applicator and cascade nozzle, a simple trigger squeeze simultaneously meters, mixes, and applies a neat bead of 2-part adhesive

### 3M™ Scotch-Weld™ Instant Adhesives

- One-part cyanoacrylate adhesives reach handling strength without an activator in 5-10 seconds; up to 80% of full strength in one hour (optional activator increases cure speed).
- Thin, medium, and thick viscosities for choice in set time and gap-filling properties
- Versatility for repairing slivers, solid surfaces, stripped screws, and more
- Easy application from squeeze bottle



## Product Information

Product	Viscosity (cP)	Approximate Worklife	Approximate Fixture Time	Bond Strength					
				Pine	Oak	Plywood	MDF	Polyurethane Finish	Steel
3M™ Scotch-Weld™ Thin Instant Wood Adhesive	10 cP	-	5 seconds	High	High	Medium	Low	Low	High
3M™ Scotch-Weld™ Medium Instant Wood Adhesive	450 cP	-	10 seconds	High	High	High	High	Medium	High
3M™ Scotch-Weld™ Thick Instant Wood Adhesive	2,250 cP	-	60 seconds	High	High	High	High	Medium	High
3M™ Scotch-Weld™ Fast Set Wood Epoxy	13,000 cP	4 minutes	20 minutes	High	High	High	High	High	High
3M™ Scotch-Weld™ Fast Set Non-Sag Wood Epoxy	95,000 cP	4 minutes	20 minutes	High	High	High	High	High	High
3M™ Scotch-Weld™ Medium Set Wood Epoxy	10,000 cP	45 minutes	8 hours	High	High	High	High	High	High

High = typically provide substrate failure (adhesive bond stronger than material itself) or at least 800 psi overlap shear strength

Medium = adhesive or cohesive failure, with 500-800 psi overlap shear strength

Low = less than 500 psi overlap shear strength

Product	Stock Number	UPC Number	Quantity
3M™ Scotch-Weld™ Thin Instant Wood Adhesive	62-3823-0330-3	00 051115 25116 0	12 per case
3M™ Scotch-Weld™ Medium Instant Wood Adhesive	62-3824-0330-1	00 051115 25117 7	12 per case
3M™ Scotch-Weld™ Thick Instant Wood Adhesive	62-3822-0330-5	00 051115 25115 3	12 per case
3M™ Scotch-Weld™ Instant Adhesive Surface Activator	62-3804-0830-2	00 021200 87937 1	6 per case
3M™ Scotch-Weld™ Fast Set Wood Epoxy	62-3566-1435-4	00 051115 25045 3	12 per case
3M™ Scotch-Weld™ Fast Set Non-Sag Wood Epoxy	62-3568-1435-0	00 051115 25046 0	12 per case
3M™ Scotch-Weld™ Medium Set Wood Epoxy	62-3526-1435-8	00 051115 25047 7	12 per case
3M™ Scotch-Weld™ EPX Mixing Nozzle - Square Gold 5.3mm	62-9171-9153-8	00 021200 50008 4	6 bags per case/ 12 nozzles/bag

**Note:** This technical information and data should be considered representative or typical only and should not be used for specification purposes.

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